FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ENSEMB.033A	APPLICATION NO. 10/032,044
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Bourlas et al.l.	
	FILING DATE December 21, 2001	GROUP 2681

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	3,949,404	04/06/76	Fletcher, et al.	343	761	
	2	4,495,619	01/22/85	Acampora	370	270	
	3	5,130,983	07/14/92	Heffner, III	370	449	
	4	5,297,144	03/22/94	Gilbert, et al.	370	346	
	5	5,420.851	05/30/95	Seshadri, et al.	370	280	
	6	5,444,698	08/22/95	Kito	370	280	
	7	5,511,082	04/23/96	How, et al.	714	790	
	8	5,615,212	03/25/97	Ruszczyk, et al.	370	433	
	9	5,638,371	06/10/97	Raychaudhuri, et al.	370	310.2	
	10	5,638,374	06/10/97	Heath	370	322	
	11	5,675,573	10/07/97	Karol, et al.	370	230	
	12	5,751,708	05/12/98	Eng, et al.	370	395.42	
	13	5,768,254	06/16/98	Papadopoulos, et al.	370	201	
	14	5,828,695	10/27/98	Webb	375	219	
	15	5,859,619	01/12/99	Wu, et al.	343	781CA	
	16	5,890,055	03/30/99	Chu, et al.	455	16	
	17	6,006,069	12/21/99	Langston	455	62	
	18	6,016,311	01/18/00	Gilbert, et al.	370	280	
	19	6,016,313	01/18/00	Foster, Jr., et al.	370	330	
	20	6,038,455	03/14/00	Gardner, et al.	455	447	
	21	6,094,421	07/25/00	Scott		280	
	22	6,112,080	08/29/00	Anderson, et al.	455	422.1	

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS;LATION
	23	0507384A2	03/26/92	Europe			
	24	0891060A2	06/30/98	Europe			
	25	0845916A2	12/02/97	Europe			
	26	WO9222162	12/10/02	PCT			

EXAMINER INITIAL		**OTHER DOCUMENTS** (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	27	"Asynchronous Transfer Mode (ATM) Technical Overview", 2nd Edition, Prentice Hall, October 1995, Chapter 3, pp. 21-25.
	28	C.E. Shannon, "A Mathematical Theory of Communication", Bell System Technical Journal, pp. 379-423 (Part 1), 623-656 (Part II), 7/1948.
	29	H.C. Papadopoulos et al., Reduction of Mixed Co-channel Interference in Microcellular STDD Systems, Vehicular Technology Conference, 1995 IEEE 45th, Vol. 2, pp 759-763
	30	L.H. Charles Lee, "Convolutional Coding, Fundamentals and Applications", Artech House, Inc., 1997, p. 11-51.
	31	Lin., et al., *"Error Control Coding, Fundamentals and Applications"*, Prentice-Hall Computer Applications in Electrical Engineering Series., 1993, pp 315-349.
	32	Redl, et al., "An Introduction to GSM", Artech House, Inc., 1995; pp 84, 85 and 95.
	33	Sampei, et al., "Adaptive Modulation/TDMA Scheme for Personal Multi-Media Communication Systems," Proceedings of the Global Telecommunications Conference, U.S., New York, IEEE, 11/28/94, pp 989-993.
	34	Ue, et al., "Symbol Rate and Modulation Level Controlled Adaptive Modulation/TDMA/TDD for Personal Communication Systems," Proceedings of the Vehicular Technology Conference, U.S., New York, IEEE, Vol. Conf. 45, 7/25/95, pp 306-310
	35	Ulm., et al., "Data-Over-Cable Interface Specifications, Radio Frequency Interface Specification", Hewlett Packard Interim Specification, Doc. Control No.: SP-RFII01-970321, published 3-21-97 by MCNS Holdings, L.P., Section 6, pgs. 43-85.
	36	Wolf, et al., "On the Weight Distribution of Linear Block Codes Formed From Convolutional Codes", IEEE, IEEE Transactions on Communications, Vol. 44:9, September 1996.

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EXAMINER	DATE CONSIDERED 6/25/04

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Bourlas et al.I.	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	5,471,645	11/28/95	Felix	455	67.11	
	2.	5,857,147	01/05/99	Gardner et al.	455	516	

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	3.	WO 0049824 A	08/24/00	PCT			
	4.	WO 9909779 A	02/25/99	PCT			
	5.	WO ~~9953799~~ 9953700 A	10/21/99	PCT			

EXAMINER INITIAL		**OTHER DOCUMENTS** (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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